

DISTRIBUTION STUDY AND SEED OF *Elymus dactyloides* JACK.  
SAMPLED FROM TERENGGANU HEATH VEGETATION

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DISTRIBUTION STUDY AND SEED OF *Ficus deltoidea* JACK. SAMPLED  
FROM TERENGGANU HEATH VEGETATION

By  
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Adalah ini diakui dan disahkan bahawa laporan penyelidikan bertajuk:  
Distribution Study and seed of Ficus deltoidea Jacq. sampled  
from Terengganu Heath vegetation

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 diperiksa dan semua pembetulan yang disarankan telah dilakukan. Laporan ini dikemukakan  
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## TABLE OF CONTENTS

Content	Page
ACKNOWLEDGEMENTS	ii
TABLE OF CONTENTS	iii
LIST OF TABLES	v
LIST OF FIGURES	vii
LIST OF ABBREVIATIONS	viii
LIST OF APPENDICES	ix
ABSTRACT	x
ABSTRAK	xi
1.0 INTRODUCTION	1
1.1 Objectives	5
2.0 LITERATURE REVIEW	6
2.1 Scientific methods for studying vegetation	6
2.2 Seed morphology	7
2.3 Seed dormancy and viability	10
2.3.1 Primary dormancy	10
2.3.2 Types of primary dormancy	10
2.3.3 Physiological or Intermediate	12
2.3.4 Deep dormancy	12
2.4 Seed germination	13
2.4.1 Factors affecting the seed germination	15

3.0 METHOD	17
3.1 Study site	17
3.2 Distribution study	20
3.2.1 Data analysis	22
3.3 Collecting the sampled seeds	23
3.3.1 Determination of seed moisture	23
3.3.2 Germination test	24
4.0 RESULT	26
4.1 Distribution study	26
4.2 Seed germination study	34
5.0 DISCUSSION	36
6.0 CONCLUSION	40
REFERENCES	42
APPENDICES	45
CURRICULUM VITAE	70



## LIST OF TABLE

Table	Page
3.1 List of vegetation occur on heath community	19
4.1 Summary of abundance of epiphyte and shrub type of <i>F. deltoidea</i> from Plot A (Setiu) and Plot B (Jambu Bongkok)	27
4.2 Summary of germination percentage for three different moisture contents on <i>F. deltoidea</i> seeds using sand medium	34
A.1 Abundance of <i>F. deltoidea</i> in Plot A (Kg. Bari Besar, near FRIM Setiu)	45
A.2 The occurrence of <i>F. deltoidea</i> in Plot A located in Kg. Bari Besar, near FRIM Research Station, Setiu Terengganu	48
A.3 Number of individuals in Plot A	49
A.4 Abundance of <i>F. deltoidea</i> in Plot B (Jambu Bongkok)	50
A.5 The occurrence of <i>F. deltoidea</i> in Plot B located in Jambu Bongkok, Marang Terengganu	53
A.6 Number of individuals in Plot B	54
B.1 Summary result for distribution study of <i>F. deltoidea</i>	61
C.1 Fresh seed moisture content	62
C.2 Germination of <i>F. deltoidea</i> for fresh seed moisture content	62
C.3 Seed viability of <i>F. deltoidea</i> for fresh seed moisture content	63
C.4 Seed moisture content (after drying for two weeks)	63
C.5 Germination of <i>F. deltoidea</i> (after drying for two weeks)	63
C.6 Seed viability of <i>F. deltoidea</i> (after drying for two weeks)	64
C.7 Seed moisture content (after drying for four weeks)	64

C.8	Germination of <i>F. deltoidea</i> (after drying for four weeks)	64
C.9	Seed viability of <i>F. deltoidea</i> (after drying for four weeks)	65
C.10	Min of temperature for 14 days	66
C.11	Min of relative humidity for 7 days	66

## LIST OF FIGURE

Figure	Page	
1.1	Picture of <i>F. deltoidea</i> in its natural habitat	3
1.2	Picture of <i>F. deltoidea</i> fruits (Pink Arrow)	3
2.1	Part of seed and seed embryo	8
2.2	Seedling morphology; (a) Hypogeal; (b) Epigeal	9
3.1	Sampling location at Jambu Bongkok, Marang District	17
3.2	Sampling location at Kg. Bari Besar, Setiu, Terengganu	18
3.3	Flow chart of distribution study	21
3.4	Methods adopted in seed study of <i>F. deltoidea</i>	25
4.1	Distribution of epiphyte and shrub type of <i>F. deltoidea</i> in Plot A (Kg. Bari Besar, near FRIM Setiu)	28
4.2	Distribution of epiphyte and shrub type of <i>F. deltoidea</i> in Plot B (Jambu Bongkok, Marang District)	29
4.3	Abundance of epiphyte <i>F. deltoidea</i> in Plot A	30
4.4	Abundance of shrub <i>F. deltoidea</i> in Plot A	31
4.4	Abundance of epiphyte <i>F. deltoidea</i> in Plot B	32
4.5	Abundance of shrub <i>F. deltoidea</i> in Plot B	33
B.1	Epiphyte-Shrub regression line for Plot A (FRIM, Setiu, Terengganu)	58
B.2	Epiphyte-Shrub regression line for Plot B (Jambu Bongkok)	60

## **LIST OF ABBREVIATIONS**

r.H relative humidity

Kg. Kampung

°F Fahrenheit

ISTA International Seed Testing Association

BRIS beach ridges interspersed with swales

FRIM Forest Research Institute of Malaysia

## LIST OF APPENDICES

Appendix	Page
A Additional table for distribution study	45
B Calculation for distribution study	55
B.1 T-test	55
B.2 Regression (i) for Plot A	57
B.3 Regression (ii) for Plot B	59
C Additional table for seed ecology study	62
D Calculation for distribution study	67
D.1 ANOVA one-way with replication	67
D.2 Turkey's Test	68
D.3 Group Comparison	69

## ABSTRACT

An ecological study was conducted to investigate the distribution of *Ficus deltoidea* Jack. in their natural habitat of heath vegetation of Terengganu. Seeds collected from the same sites were tested for germination rate. *F. deltoidea* found to be in clump either as shrub or epiphyte. Distribution was strongly associated with *Rhodymyrtus tomentosa* (kemunting), possible indication of sharing the same disperser (birds), which deserves a further study. Freshly collected seeds from full ripe fruits gave the highest germination rate than desiccated seeds. Results from this study could significantly contribute to the *in situ* or *ex situ* conservation of this species, and further justified the conservation of the fragile heath vegetation particularly in Terengganu.

TABURAN DAN KAJIAN BIJIH BENIH *ficus deltoidea* JACK. DI VEGETASI  
HUTAN PADANG TERENGGANU

ABSTRAK

Kajian ekologi telah dijalankan untuk menentukan taburan *Ficus deltoidea* Jack. Di habitat semulajadinya, vegetasi hutan padang di Terengganu. Biji benih dikutip daripada kawasan kajian yang sama dan dibawa ke makmal untuk ujian percambahan. *F. deltoidea* hadir dalam taburan yang berkelompok dan wujud sebagai epifit atau tumbuhan renek. Asosiasi yang rapat dengan *Rhodomirtus tomentosa* (kemuting) menunjukkan kemungkinan kedua-dua spesis ini mempunyai agen penyebar yang sama (burung) yang memerlukan kajian yang lebih mendalam. Biji benih yang diperolehi daripada buah yang masak sepenuhnya menunjukkan kadar percambahan yang paling tinggi. Keputusan daripada hasil kajian dapat membantu aktiviti pemuliharaan spesis ini secara *in situ* atau *ex situ* dalam vegetasi hutan padang di Terengganu.